

PTO/SB/08a (05-07)

Approved for use through 11/30/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10596287
Filing Date	2006-06-08
First Named Inventor	Bumell, et al.
Art Unit	
Examiner Name	
Attorney Docket Number	PB60589USw

**U.S.PATENTS**

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	6567686		2003-05-20	Sexton et al	
	2	5848973		1998-12-15	Lane	
	3	5902237		1999-05-11	Glass	
	4	6379311		2002-04-30	Gaumond et al	
	5	6183423		2001-02-06	Gaumond et al	
	6	6139504		2000-10-31	Lane	
	7	5998428		1999-12-07	Barnette, et al	

If you wish to add additional U.S. Patent citation information please click the Add button.

**U.S.PATENT APPLICATION PUBLICATIONS**

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10596287
Filing Date	2006-06-08
First Named Inventor	Burnell, et al.
Art Unit	
Examiner Name	
Attorney Docket Number	PB60589USw

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

**FOREIGN PATENT DOCUMENTS**

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1	0051599	WO	A1	2000-09-08	Smithkline Beecham Corporation		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
	1	BROOKS ET AL; Reproducibility and accuracy of airway area by acoustic reflection; Journal of Applied Physiology; 1984, Vol. 53, No. 3, pp 777-787	<input type="checkbox"/>
	2	D'URZO ET AL; Airway area by acoustic response measurements and computerized tomography; American Review of Respiratory Disease; 1987; Vol. 135, No. 2, pp. 392-395	<input type="checkbox"/>
	3	EHTEZAZI ET AL; 3D reconstruction of the upper airway during inhalation from drug delivery system using MRI; Proceedings of Drug Delivery to the Lungs XI; Vol 2000, No 124	<input type="checkbox"/>
	4	DE LANGE ET AL; Lung Air spaces: MR Imaging evaluation with hyperpolarized 3He gas; Radiology; Vol. 210, No. 3, pp. 851-857	<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10596287
Filing Date	2006-06-08
First Named Inventor	Burnell, et al.
Art Unit	
Examiner Name	
Attorney Docket Number	PB60589USw

5	MCROBBIE ET AL; Studies of the human oropharyngeal airspaces using magnetic imaging I. Validation of a three-dimensional MRI method for producing ex vivo virtual and physical casts of the oropharyngeal airways during inspiration; Journal of Aerosol Medicine; 2003, Vol. 16, No. 4, pp. 401-415	<input type="checkbox"/>
6	GRGIC ET AL; In Vitro Intersubject and Intrasubject Deposition Measurements in Realistic Mouth-Throat Geometries: Aerosol Science; 2004, Vol. 35, pp. 1025-1040	<input type="checkbox"/>
7	STAPLETON ET AL; On the Suitability of -e Turbulence Modelling for Aerosol Dispersion on the Mouth and Throat: A Comparison with Experiment; Journal of Aerosol Science; 2000, Vol. 31, No. 6, pp 739-749	<input type="checkbox"/>
8	ZHOU ET AL; Measurement of upper airway movement by acoustic reflection; Annals of Biomedical Engineering; 1995, Vol. 23, No. 1, pp. 85-94	<input type="checkbox"/>
9	CZAJA JM, MCCAFFREY TV; Acoustic Measurement of Subglottic Stenosis; Ann Otol Rhinol Laryngol	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

Examiner Signature	/Nicholas Evoy/	Date Considered	06/02/2009
--------------------	-----------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.